

## EAST Search History

| Ref # | Hits    | Search Query                            | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| L1    | 488     | time adj tacking or timing adj tracking | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:31 |
| L2    | 2488677 | phase adj tracking or phase track       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:32 |
| L3    | 3335    | phase adj tracking or phase adj track   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:32 |
| L4    | 52      | 1 and 3                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 11:37 |
| L5    | 965     | frequency adj domain adj equaliz\$      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:33 |
| L6    | 2       | 4 and 5                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:33 |
| L7    | 6       | equaliz\$ adj tap adj calculat\$        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:36 |
| L8    | 2       | 4 and 7                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:34 |
| L9    | 2       | equaliz\$ adj tap adj tracking          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/29 10:34 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| L10 | 35     | carrier adj frequency adj offset with<br>sampling adj frequency adj offset                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 10:39 |
| L11 | 2      | 4 and 10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 10:38 |
| L12 | 9      | complex adj subcarriers   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 10:38 |
| L13 | 1      | 4 and 12  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 10:39 |
| L14 | 5      | ("20040131012"   "5732113"  <br>"6522703"   "6567480"   "6738375").<br>PN. OR ("7177374").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2007/03/29 11:16 |
| L15 | 684363 | fast afj fourier adj transform  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 11:35 |
| L16 | 23383  | fast adj fourier adj transform  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 11:35 |
| L17 | 653295 | fast afj fourier adj transform with<br>demapper   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 11:35 |
| L18 | 63     | fast adj fourier adj transform with<br>demapper   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 11:36 |
| L19 | 1      | 18 and 4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 11:36 |

## EAST Search History

|     |   |           |   |    |     |                  |
|-----|---|-----------|---|----|-----|------------------|
| L20 | 2 | 18 and 10 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/29 11:36 |
|-----|---|-----------|---|----|-----|------------------|


[Search Result - Print Format](#)
[< Back](#)

**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Improved joint carrier and sampling frequency offset estimation scheme for OFDM systems**  
Wen Lei; Weiming Cheng; Liming Sun;  
Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE  
Volume 4, 1-5 Dec. 2003 Page(s):2315 - 2319 vol.4  
IEEE CNF
2. **Carrier and sampling frequency offset estimation and correction in multicarrier systems**  
Sliskovic, M.;  
Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE  
Volume 1, 25-29 Nov. 2001 Page(s):285 - 289 vol.1  
IEEE CNF
3. **Performance of DVB-T OFDM based single frequency networks: effects of frame synchronisation, carrier frequency offset and non-synchronised sampling errors**  
Gallardo, A.M.; Woodward, M.E.; Rodriguez-Tellez, J.;  
Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th  
Volume 2, 7-11 Oct. 2001 Page(s):962 - 966 vol.2  
IEEE CNF
4. **Frequency synchronization in OFDM systems**  
Fu Yanzeng; Zhang Hailin; Wang Yumin;  
3G Mobile Communication Technologies, 2001. Second International Conference on (Conf. Publ. No. 477)  
26-28 March 2001 Page(s):92 - 98  
IEEE CNF
5. **Time-variant distortions in OFDM**  
Stantchev, B.; Fettweis, G.;  
Communications Letters, IEEE  
Volume 4, Issue 10, Oct. 2000 Page(s):312 - 314  
IEEE JNL
6. **Residual Carrier and Sampling Frequency Synchronization in Multiuser OFDM Systems**  
Haring, L.; Bieder, S.; Czylik, A.;  
Vehicular Technology Conference, 2006. VTC 2006-Spring. IEEE 63rd  
Volume 4, 2006 Page(s):1937 - 1941  
IEEE CNF
7. **A robust and low complexity implementation of synchronization for DVB-T receiver**  
Huarong Zheng; Jiefeng Yan; Jianing Su; Xiaoyang Zeng;  
ASIC, 2005. ASICON 2005. 6th International Conference On  
Volume 1, 24-27 Oct. 2005 Page(s):332 - 335  
IEEE CNF
8. **Frequency offset estimation and correction in the IEEE 802.11a WLAN**  
Sourour, E.; El-Ghoroury, H.; McNeill, D.;  
Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th  
Volume 7, 26-29 Sept. 2004 Page(s):4923 - 4927 Vol. 7  
IEEE CNF



© Copyright 2006 IEEE –